

Abstract of the Disclosure

A thin thermal fuse is provided with a rush current resistance performance so as to be usable also as a current fuse. In a thermal fuse in which a low-melting fusible alloy piece 2 having an alloy composition containing 40 to 70% Bi is connected between a pair of flat lead conductors 1, 1, a flux 4 is applied to the low-melting fusible alloy piece 2, and the piece is sandwiched between a resin base film 31 and a resin cover film 32 to provide insulation, the resistance of the low-melting fusible alloy piece 2 is set so as to enable the low-melting fusible alloy piece 2 to be fused off also by Joule heat due to an allowable maximum current of a secondary battery.